

SEQUENCE LISTING

<110> Meiji Seika, Ltd.
OKAKURA, Kaoru
YANAI, Koji

<120> NOVEL CELLULASE RESISTANT TO SURFACTANT

<130> Q87626

<150> PCT/JP2003/014013

<151> 2003-10-31

<150> JP 2002-318303

<151> 2002-10-31

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<170> PatentIn version 3.3

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Asp Ala Gly Gly Gly Ala Tyr Met Cys Ser Asp Gln Ser Pro Trp Ala
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Val Ser Asp Asp Leu Ala Tyr Gly Trp Ala Ala Val Asn Ile Ala Gly
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Ser Asn Glu Arg Gln Trp Cys Cys Ala Cys Tyr Glu Leu Thr Phe Thr
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Ser Gly Pro Val Ala Gly Lys Arg Met Ile Val Gln Ala Ser Asn Thr
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Gly Gly Asp Leu Gly Asn Asn His Phe Asp Ile Ala Met Pro Gly Gly
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Gly Val Gly Ile Phe Asn Ala Cys Thr Asp Gln Tyr Gly Ala Pro Pro
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Asp Ala Phe Pro Glu Lys Leu Lys Pro Gly Cys Tyr Trp Arg Phe Asp
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Arg Trp Asp Asn Pro Leu Phe Asp Gly Gly Asn Thr Arg Ser Gly Cys
35 40 45

Asp Ala Gly Gly Gly Ala Tyr Met Cys Ser Asp Gln Ser Pro Trp Ala
50 55 60

Val Ser Asp Asp Leu Ala Tyr Gly Trp Ala Ala Val Asn Ile Ala Gly
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Ser Asn Glu Arg Gln Trp Cys Cys Ala Cys Tyr Glu Leu Thr Phe Thr
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Ser Gly Pro Val Ala Gly Lys Arg Met Ile Val Gln Ala Ser Asn Thr
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35 40 45

Asp Ala Gly Gly Gly Ala Tyr Met Cys Ser Asp Gln Ser Pro Trp Ala
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Val Ser Asp Asp Leu Ala Tyr Gly Trp Ala Ala Val Asn Ile Ala Gly
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Ser Asn Glu Arg Gln Trp Cys Cys Ala Cys Tyr Glu Leu Thr Phe Thr
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Ser Gly Pro Val Ala Gly Lys Arg Met Ile Val Gln Ala Ser Asn Thr
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35 40 45

Asp Ala Gly Gly Gly Ala Tyr Met Cys Ser Asp Gln Ser Pro Trp Ala
50 55 60

Val Ser Asp Asp Leu Ala Tyr Gly Trp Ala Ala Val Asn Ile Ala Gly
65 70 75 80

Ser Asn Glu Arg Gln Trp Cys Cys Ala Cys Tyr Glu Leu Thr Phe Thr
85 90 95

Ser Gly Pro Val Ala Gly Lys Arg Met Ile Val Gln Ala Ser Asn Thr
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Gly Gly Asp Leu Gly Asn Asn His Phe Asp Ile Ala Met Pro Gly Gly
115 120 125

Gly Val Gly Ile Phe Asn Ala Cys Thr Asp Gln Tyr Gly Ala Pro Pro
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Asn Gly Trp Gly Gln Arg Tyr Gly Gly Ile Ser Gln Arg His Glu Cys
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Asp Pro Phe Pro Glu Glu Leu Lys Pro Gly Cys Tyr Trp Arg Phe Asp
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